

# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

FEBRUARY 1944

Any five of the nontechnical publications listed herein, unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington 25, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

This monthly list will be sent free on request made to the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

Publications will not be sent to foreign addresses, except when exchanges of publications are made. Foreign correspondents should apply to Superintendent of Documents, Washington 25, D. C., enclosing remittance, plus postage.

### TECHNICAL BULLETINS

**Comparison of corn and corn-molasses mixture for fattening beef calves before and after weaning.** M. W. Hazen, Bureau of Animal Industry; and James E. Comfort, University of Missouri. 11 p., illus. (T. B. 862T.) Price 5¢.

**Management of jack pine stands in the Lake States.** F. H. Eyre and Russell K. LeBarron, Forest Service. 66 p., illus. (T. B. 863T.) Price 15¢.

### MISCELLANEOUS PUBLICATIONS

**A Victory Gardner's handbook on insects and diseases.** W. H. White, Bureau of Entomology and Plant Quarantine; and S. P. Doolittle, Bureau of Plant Industry, Soils, and Agricultural Engineering. 30 p., illus. (M. P. 525M.) Price 10¢.

**North Carolina forest resources and industries.** J. W. Cruikshank, Forest Service. 76 p., illus. (M. P. 533M.) Price 25¢.

**Growing vegetables in town and city.** Victor R. Boswell and Robert E. Wester, Bureau of Plant Industry, Soils, and Agricultural Engineering. (M. P. 538M.) [40] p., illus. Price 10¢. This publication supersedes F. B. 1044.

**Directory of U. S. Register of Merit sires and dams qualifying under the National Poultry Improvement Plan (1941-42 trap-nest record year).** Compiled by A. B. Godfrey and Paul B. Zumbro, Bureau of Animal Industry. 57 p. (M. P. 539M.) Price 10¢. For sale only.

### SOIL SURVEYS

**California, Santa Cruz area.** (No. 25, Series 1935.) 90 p., illus. Price 40¢.

**California, Tracy area.** (No. 5, Series 1938.) 95 p., illus. Price 60¢.

**Montana, Upper Musselshell Valley area.** (No. 1, Series 1939.) 48 p., illus. Price 20¢.

### SERVICE AND REGULATORY ANNOUNCEMENTS

**Bureau of Animal Industry. Service and regulatory announcements. December 1943.** (S. R. A. B. A. I. 440.) Pp. 75-80. Price 5¢ a copy; 25¢ a year.<sup>1</sup>

### OTHER PUBLICATIONS

**Agricultural statistics, 1943.** Joseph A. Becker, Paul Froehlich, Gordon P. Boals, A. E. Brandt, Kelsey B. Gardner, James M. Hunt, H. C. Larsen, S. W. Mendum, Merrill Sickles, and Clifton C. Warren. 548 p. Price 65¢ (paper cover).

**Annual report on tobacco statistics, 1943.** Food Distribution Administration. 83 p. (CS-6).

**Physical land conditions on the San Mateo County Soil Conservation District, California.** Robert S. Ayers, Soil Conservation Service. 36 p., illus. (P. L. S. 33). Price 45¢. For sale only.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

**Report of the Administrator of agricultural research, 1943**, includes reports of the following agencies of the Administration: The Bureaus of Agricultural and Industrial Chemistry; Animal Industry; Dairy Industry, Entomology and Plant Quarantine; Human Nutrition and Home Economics; Plant Industry, Soils, and Agricultural Engineering; and the Office of Experiment Stations. Eugene C. Auchter. 236 p. Price 25¢.

**Report of the Secretary of Agriculture, 1943**, Claude R. Wickard. 252 p. Price 30¢. This report covers all activities of agencies in the Department and the War Food Administration.

**Report on the agricultural experiment stations, 1943**. J. T. Jardine, F. Andre, H. P. Barss, E. C. Elting, F. D. Fromme, H. C. Knoblauch, F. V. Rand, Sybil L. Smith, H. M. Steece, R. W. Trullinger, J. W. Wellington, and B. Youngblood, Office of Experiment Stations. 112 p. Price 20¢.

#### AGRICULTURAL WAR INFORMATION

**Wartime harvests from farm woodlands**. Soil Conservation Service, Forest Service, and Extension Service. [8] p., illus. (AWI-80).

#### PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

**Agricultural situation**. Vol. 28, No. 2, February 1944. Price 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.<sup>1</sup>

**Crops and markets**. Vol. 21, No. 1, January 1944. Price 10¢ a copy; 30¢ a year, domestic; 45¢ a year, foreign.<sup>1</sup> Quarterly.

**Experiment station record**. Index to Vol. 88. January-June 1943; Vol. 90, No. 3, March 1944. Price \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign. Single numbers for sale only. Price 15¢.<sup>1</sup>

**Extension service review**. Vol. 15, No. 2, February 1944. Illus. Price 10¢ a copy; \$1.00 a year, domestic; \$1.40 a year, foreign.<sup>1</sup>

**Foreman agriculture**. Vol. 8, No. 2, February 1944. Illus. Price 10¢ a copy; \$1.00 a year, domestic; \$1.60 a year, foreign.<sup>1</sup>

**Journal of agricultural research**. Price \$3.25 a year, domestic; \$4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢ foreign.<sup>1</sup> Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

**Separates**. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. The Office of Information has none for general distribution.

— Vol. 68, No. 3, February 1, 1944. Illus. Contents:

Influence of controllable environmental conditions of regeneration of jack pine and black spruce (F-101). Russell L. LeBaron.

The effect of water deficits in the tree upon maturity composition, and storage quality of Bosc pears (G-1293). A. Lloyd Ryall and W. W. Aldrich.

The amphidiploids *Aegilops cylindrica* × *Triticum durum* and *A. ventricosa* × *T. durum* and their hybrids with *T. aestivum* (G-1297). E. R. Sears.

— Vol. 68, No. 4, February 15, 1944. Illus. Contents:

Effect of fertilizer, soil composition, and certain climatological conditions on the calcium and phosphorus content of turnip greens (Miss.-4). O. A. Sheets, L. McWhirter, W. S. Anderson, M. Gieger, L. Ascham, H. L. Cochran, M. Speirs, R. Reder, J. B. Edmond, E. J. Lease, J. H. Mitchell, G. S. Fraps, J. Whitacre, S. H. Yarnell, W. B. Ellett, R. C. Moore, and H. H. Zimmerley.

**News for farmer cooperatives**. Vol. 10, No. 10, January 1944. Price 10¢ a copy; \$1.00 a year, domestic.<sup>2</sup>

**Rural electrification news**. Vol. 9, No. 6, February 1944. Price 10¢ a copy; 75¢ a year, domestic; \$1.50 a year, foreign.<sup>3</sup>

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

<sup>2</sup> May be obtained from Farm Credit Administration, Kansas City, Mo.

<sup>3</sup> These may be obtained from the issuing bureau.

Indicate below, by numbers IN NUMERICAL ORDER, bulletins required. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington 25, D. C., enclosing remittance to cover cost of publication. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington 25, D. C.

Individuals residing in foreign countries will be required to furnish remittance for the cost of the publications selected, plus postage, amounting to one-third of the cost of the publications. Requests for change of address must show old as well as new addresses. Be sure to write your name and address plainly on reverse side of this form.

Farmers' Bulletins	AWI	Other publications

Prepared by

C. A. LINDSTROM, Associate Chief of Motion Picture Service.

Motion pictures have been used by the Department of Agriculture since 1913 as an aid in its educational, administrative, and regulatory work. It was Secretary "Tama Jim" Wilson who recognized that with the motion picture he could demonstrate to thousands how to grow hogs or handle the poultry flock where it had been possible to reach but tens, and at but a fraction of the cost. Since his time the motion picture has been used, not only to demonstrate, but to inform and guide the farm people of the country on subjects having to do with the conduct of their operations, the control of insects and disease, care of livestock, propagation of plants, conservation, forestry, road building, soils, and weather. The home was not neglected. Care of home and children, the farmstead, clothing were all subjects of Department motion pictures.

Since the start of this war, the Department motion picture program has been geared largely to assist the farmer in solving the problems brought on by the necessity for conversion from the crops of peace to unprecedented production of food and oil and fiber crops required for total war. Certain movies have been designed to build and maintain morale among the hard-pressed farm people and, in the interest of harmony and cooperation, to give others an appreciation of what the farmers are doing to help win the war. Certain films have been of the "how to do it" type; others have presented problems for consideration.

The Department's war pictures for farmers may be classified into three main types:

1. Guidance and incentive pictures, designed to encourage the production of adequate supplies of food, fiber, and oils to meet our war demands and to stress the need for conservation of our resources.
2. "How to do it" pictures, designed to explain certain steps, processes, or methods in agriculture, home economics, and forestry.
3. Morale building films, designed to give farmers a true picture of the importance of their work to our success in the war.

The following are fair illustrations of the first type:

**Home on the Range.**—When the meat shortage was foreseen, the picture was gotten out to point the way to increased production. Practices shown are those advocated in the Government's range program.

**Live at Home.**—Designed to encourage farmers to grow more foodstuffs for use at home, thus relieving transportation facilities of a considerable burden and releasing more of the marketed foods for men in our fighting forces.

**Farm Battle Lines.**—Brings out the fact that sound farming methods and conservation practices will help the southern farmer to produce more fats and oils and more of the foods needed for the Food-For-Freedom program.

Of the second type are such films as the following:

**The Farm Garden.**—Presenting the fundamentals of garden husbandry. It shows how to plan a garden, prepare the ground, when and how to plant, how to control disease and pests, and how to transplant, thin, and cultivate.





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**Hemp for Victory.**—The Japs cut off our supply of East Indian coarse fibers, making it necessary for the American farmer to supply the urgent needs of our Army and Navy with American-grown hemp. Small amounts of hemp had been grown. The farm practices of these growers are shown with the idea of encouraging other farmers to grow hemp to meet the war emergency.

Good examples of the third type are:

**The Farmer's Wife.**—A documentary explanation of the farm woman's part in winning the war—accepting the increased responsibilities of wartime farming with a spirit that is an inspiration to young and old alike.

**Henry Browne, Farmer.**—Shows a representative Negro family doing its part in the agricultural war production program, while a son trains with the 99th Pursuit Squadron near Tuskegee, Alabama.

The foregoing types of films are aimed primarily at the farm people. Others are designed to meet the needs of the public in general for information on the food situation. **It's Up To You** goes into the whys and wherefores of point rationing and the evils of the black market. **Canning the Victory Crop** shows in detail how to can fruits and vegetables. **Dehydration** shows the advantages that have accrued through the development of the dehydration industry as a war measure and what it means to our food economy of the future.

Prints of Department films may be obtained from 52 cooperating films libraries in 44 of the States, and the Territories of Alaska and Puerto Rico. These libraries are located at universities and colleges. The agricultural colleges in some of the States have these film libraries. A catalog of Department films is available for review in the office of each county agricultural agent.

LISTEN TO NATIONAL FARM AND  
HOME HOUR

Monday through Friday over stations associated with the BLUE Network.

12:30 p. m. Eastern War Time.  
11:30 a. m. Central War Time.  
10:30 a. m. Mountain War Time.  
9:15 a. m. Pacific War Time.

(In California, Oregon, and Washington the early morning broadcasts are the programs presented the previous day in other parts of the country.) The National Farm and Home Hour is available to all BLUE Network stations.

LISTEN TO CONSUMER TIME

Saturday over stations associated with the NATIONAL BROADCASTING COMPANY.

12:15 p. m. Eastern War Time.  
11:15 a. m. Central War Time.  
10:15 a. m. Mountain War Time.  
9:15 a. m. Pacific War Time.

Consumer Time is available to all NBC stations. Consult radio schedule in your newspaper for stations carrying the program.